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| Set | Items | Description |
|-----|-------|--|
| S1 | 0 | (CELL (W) MEDIATED (W) ENDOCYTOSIS) (S) TOXIC? |
| S2 | 611 | COBALT (S) (CELL OR CELLULAR) (S) (DELIVERY OR UPTAKE) |
| S3 | 230 | RD (unique items) |
| S4 | 2 | S3 AND (VITAMIN (W) B12) |

>>>KWIC option is not available in file(s): 399

4/3,K/1 (Item 1 from file: 5)
DIALOG(R)File 5:BIOSIS Previews(R)
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09763879 BIOSIS NO.: 199598218797
Effects of cobalt and vitamin B-12 on the growth of *Chrysochromulina polylepis* (Prymnesiophyceae).
AUTHOR: Graneli Edna(a); Risinger Lars
AUTHOR ADDRESS: (a)Ecology Bldg., Dep. Marine Ecology, S-223 62 Lund**
Sweden
JOURNAL: Marine Ecology Progress Series 113 (1-2):p177-183 1994
ISSN: 0171-8630
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: Atlantic sea water with a low *cobalt* (Co) concentration (0.02 nM) was enriched with Co additions (0.2, 0.5, 1.0 and 3.0 nM), inoculated with a monoculture of...

...C. polylepis was 0.8 d-1. Growth rate during the exponential phase was not influenced by Co concentrations, possibly due to Co contamination. The *cell* quota of Co for C. polylepis in the stationary growth phase was estimated at 0.55 to 0.69 fg Co *cell*-1 based on *cell* yield in relation to Co *uptake* and 0.55 to 0.70 fg Co *cell*-1 based on analysis of cells. In the 1988 C. polylepis bloom in the Kattegat and Skagerrak, *cell* concentrations reached levels of 100 times 10-6 cells l-1, requiring a Co supply of at least 1 nM. Concentrations of Co in the...
...REGISTRY NUMBERS: *VITAMIN* *B12*;

DESCRIPTORS:
CHEMICALS & BIOCHEMICALS: ...*VITAMIN* *B12*;

4/3,K/2 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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82122910 CA: 82(19)122910k JOURNAL
Delivery of cobalt-57-labeled B12 (vitamin B12) to lymphoblasts derived from mice with transplanted 1210 ascities tumor cell by transcobalamins I, II, III
AUTHOR(S): Meyer, Leo M.; Gams, Richard A.; Ryel, Elaine M.; Miller, Inez E.; Kumar, Sudhir
LOCATION: Hematol. Sect., VA Hosp., Brooklyn, N. Y.
JOURNAL: Proc. Soc. Exp. Biol. Med. DATE: 1974 VOLUME: 147 NUMBER: 3
PAGES: 679-80 CODEN: PSEBAA LANGUAGE: English

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| S3 | 230 | RD (unique items) |
| S4 | 2 | S3 AND (VITAMIN (W) B12) |
| S5 | 374 | (VITAMIN (W) B12) (S) DELIVER? |
| S6 | 127 | S5 (S) CELL? |
| S7 | 68 | RD (unique items) |
| S8 | 9 | S7 AND (COMPLEX? OR CONJUGAT?) |
| S9 | 11 | S7 AND UPTAKE |
| S10 | 11 | RD (unique items) |